

REPLACEMENT CLAIMS

8. (New) A multicolor printing machine comprising sheet guiding cylinders over which sheets are directed during a printing and/or varnishing operation, said sheet guiding cylinders each comprising a cylindrical body with at least one sheet retaining system arranged thereon, at least one of said sheet guiding cylinders having a packing (5, 6) detachably supported thereon, said packing (5, 6) having a multilayered structure including a flexible backing material (12) supported on the body of the sheet guiding cylinder; a coating (13) having an irregular surface profile adhesively supported on an upper surface of the backing material (12), said coating (13) being made of a hard metal that forms a surface with sliding properties; and

a sealing layer (14) adhesively secured on an upper side of the coating (13) made of a material selected from the group consisting of polysiloxane, acrylate, or fluoric polymers.

9. (New) The printing machine of claim 8 in which said coating (13) is made of molybdenum.

10. (New) The printing machine of claim 8 in which said coating (13) is made of a metal alloy of corrosion-proof and wear resistant metal.

11. (New) The printing machine of claim 10 in which said coating is made of NiCr.

12. (New) The printing machine of claim 8 in which an outer side of the packing (5, 6) which faces and supports material to be printed has a surface profile consisting of cones (18) with rounded tips (16).

13. (New) The printing machine of claim 8 in which the sealing layer (14) is made of a polysiloxane that is polymerized in a steam-saturated atmosphere.

14. (New) The printing machine of claim 8 in which said sealing layer (14) contains migration additives in the form of polydimethylsiloxanes.

15. (New) The printing machine of claim 8 in which said coating (13) contains up to 30% by vol MoS₂.

16. (New) A multicolor printing machine comprising sheet guiding cylinders over which sheets are directed during a printing and/or varnishing operation, said sheet guiding cylinders each comprising a cylindrical body with at least one sheet retaining system arranged thereon, at least one of said sheet guiding cylinders having a packing (5, 6) detachably supported thereon, said packing (5, 6) having a multilayered structure including a flexible backing material (12), the underside of which is assigned to the body of the sheet-guiding cylinder (3),
a coating (13) of molybdenum adhesively arranged on the upper side of the backing material (12), and
a sealing layer (14) of a material of the polysiloxane group adhesively arranged on the upper side of the coating (13).

17. (New) The printing machine of claim 16 in which an outer side of the packing (5, 6) which faces and supports material to be printed has a surface profile consisting of cones (18) with rounded tips (16).

18. (New) A multicolor printing machine comprising sheet guiding cylinders over which sheets are directed during a printing and/or varnishing operation, said sheet guiding cylinders each comprising a cylindrical body with at least one sheet retaining system arranged thereon, at least one of said sheet guiding cylinders having a packing (5, 6) detachably supported thereon, said packing (5, 6) having a multilayered structure including a flexible backing material (12), the underside of which is assigned to the body of the sheet-guiding cylinder (3),
a coating (13) having an irregular surface profile made of tungsten carbide/cobalt adhesively arranged on the upper side of the backing material (12), and
a sealing layer (14) of a material of the polysiloxane group adhesively arranged on the upper side of the coating (13).

In re Appln. of *GERHARD JOHNER et al.*
Application No. 10/694,031

19. (New) The printing machine of claim 18 in which an outer side of the packing (5, 6) which faces and supports material to be printed has a surface profile consisting of cones (18) with rounded tips (16).